

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C22B13/02 C01G21/02 H01M4/57

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C22B C01G H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/146364 A1 (PRENGAMAN ET AL.) 10 October 2002 (2002-10-10) paragraph '0005!	1-4
Y	FR 2 420 831 A (ROULEMENTS SOC NOUVELLE) 19 October 1979 (1979-10-19) page 2, line 4 - line 5	1-4
Y	DATABASE WPI Section Ch, Week 200232 Derwent Publications Ltd., London, GB; Class E36, AN 2002-271433 XP002303579 & IT 1 304 841 B (CAM SRL), 5 April 2001 (2001-04-05) abstract	1-4

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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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G document member of the same patent family

Date of the actual completion of the international search

17 November 2004

Date of mailing of the international search report

06/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>DATABASE WPI Section Ch, Week 200150 Derwent Publications Ltd., London, GB; Class L03, AN 2001-462404 XP002303580 & KR 2001 001 006 A (UNIV GYEONGSANG NAT RES INST IND TECH), 5 January 2001 (2001-01-05) abstract</p> <p>---</p>	1
Y,P	<p>DATABASE WPI Section EI, Week 200401 Derwent Publications Ltd., London, GB; Class U11, AN 2004-006617 XP002303581 & KR 2003 066 032 A (SAMSUNG ELECTRONICS CO LTD), 9 August 2003 (2003-08-09) abstract</p> <p>---</p>	1
A	<p>US 4 384 683 A (HUWALD EBERHARD ET AL) 24 May 1983 (1983-05-24) abstract</p> <p>---</p>	1
A	<p>WO 99/44942 A (NILE LIMITED) 10 September 1999 (1999-09-10)</p> <p>---</p>	
Y	<p>DATABASE EPODOC 'Online! EUROPEAN PATENT OFFICE, THE HAGUE, NL; "Preparation of lead oxide powder by wet-milling oxidation method" XP002305986 & CN 1 045 957 A (STATE OPERATED NO. 752 FACTORY) 10 October 1990 (1990-10-10) abstract</p> <p>-----</p>	1-4

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002146364	A1	10-10-2002	CZ	20032112 A3	18-02-2004
			EP	1421637 A2	26-05-2004
			WO	02071511 A2	12-09-2002
			ZA	200200567 A	31-07-2002
FR 2420831	A	19-10-1979	FR	2420831 A1	19-10-1979
IT 1304841	B	15-10-1998	IT	CH980006 A1	15-10-1998
KR 2001001006	A	05-01-2001	NONE		
KR 2003066032	A	09-08-2003	NONE		
US 4384683	A	24-05-1983	DE	3022665 A1	21-01-1982
			CA	1169122 A1	12-06-1984
			JP	57015371 A	26-01-1982
WO 9944942	A	10-09-1999	AU	3165999 A	20-09-1999
			WO	9944942 A1	10-09-1999
CN 1045957	A	10-10-1990	NONE		